

University of Groningen

A Tale of Two Cell Factories

Neef, Jolanda

DOI:
[10.33612/diss.99279788](https://doi.org/10.33612/diss.99279788)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2019

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):
Neef, J. (2019). *A Tale of Two Cell Factories: Heterologous protein secretion in Bacillus subtilis and Lactococcus lactis*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.
<https://doi.org/10.33612/diss.99279788>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Stellingen

Behorend bij het proefschrift

A Tale of Two Cell Factories

Heterologous protein production in *Bacillus subtilis* and *Lactococcus lactis*

- 1) Research on protein production and secretion in *Lactococcus lactis* deserves more attention from academia and industry (This thesis).
- 2) *Bacillus subtilis* is a bulk producer, *Lactococcus lactis* is a delicate one (This thesis).
- 3) The correct position of tags is crucial for stable secretory protein production (Chapters 2 and 3).
- 4) The intramembrane protease RasP boosts protein secretion in *Bacillus subtilis* (Chapter 6).
- 5) Keep the membrane clean for optimal cell viability and protein production (Chapter 6).
- 6) The mini-*Bacillus* concept opens a new chapter in the book of secretory protein production (Chapter 7).
- 7) Werken in een isotopenlab is als leven op een onbewoond eiland.
- 8) Although performed in a “hot” lab, pulse-chase labeling experiments are cool!
- 9) Een droom is een doel met een deadline, zonder deadline wordt het een nachtmerrie.
- 10) Wanneer de plafondplaten uit de lucht vallen, weet je dat de airco het nog doet.
- 11) Als je haast maakt wanneer je tijd hebt, dan heb je tijd als je haast hebt.
- 12) Je bent oud als de kaarsjes meer kosten dan de taart.
- 13) Het krijgen van kinderen forceert een efficiënte tijdsbesteding.
- 14) “Angst is mar veur eben, spiet is veur altied” (D. Lohues).